

ABSTRACT

To provide the method of forming the thin coating film of
fluorine-containing polymer having heat resistance and non-sticking
property by adhering directly to a substrate without lowering
5 characteristics such as reflection and light transmission which the
substrate has. The thin coating film is a film which comprises a
continuous layer of fluorine-containing polymer formed by adhering
directly to the substrate and has a thickness of less than 3 μm , wherein
the fluorine-containing polymer in the coating film has a hydrophilic
10 functional group and a crystalline melting point of not less than 200°C